*** STUDENT'S T - TEST ***

V2.60 Dec 91 - by Stanley Kaplan, Ph.D.

AL (RAHF 1-4)

FLIGHT DARK MIXED RAHF VS DFPT DARK MIXED RAHF % FIBER TYPES

Calculated F-ratio = 2.2632 with 3 . 3 degrees of freedom.

The variances are equal since 2.2632 is less than 9.2800

*** R A W D A T A ***

	GROUP 1	GROUP 2
1 ====>	9.0000	2.0000
2 ====>	15.0000	12.0000
3 ====>	18.0000	15.0000
4 ====>	15.0000	12.0000
N's ===>	4	4
Total ===>	57.0000	41.0000
Means ===>	14.2500	10.2500
Sum of squares ===>	42.7500	96.7500
Variances ===>	14.2500	32.2500
Std deviations ===>	3.7749	5.6789

Calculated value of T = 1.1732 with 6 degrees of freedom.

The exact P-value is: 0.2852 or 71.48%

The samples do NOT differ significantly at the 5% level, ONE-TAILED.

The samples do NOT differ significantly at the 1% level, ONE-TAILED.

The samples do NOT differ significantly at the 5% level, TWO-TAILED.

The samples do NOT differ significantly at the 1% level, TWO-TAILED.

*** STUDENT'S T - TEST ***

V2.60 Dec 91 - by Stanley Kaplan, Ph.D.

FLIGHT INTERMED MIXED RAHF VS DFPT INTERMED MIXED RAHF % FT (1-4) AL

Calculated F-ratio = 1.0439 with 3 , 3 degrees of freedom.

The variances are equal since 1.0439 is less than 9.2800

*** R A W D A T A ***

	GROUP 1	GROUP 2
1 ====>	38.0000	14.0000
2 ====>	28.0000	7.0000
3 ====>	35.0000	5.0000
4 ====>	26.0000	0.0000
N's ===>	4	4
Total ===>	127.0000	26.0000
Means ===>	31.7500	6.5000
Sum of squares ===>	96.7500	101.0000
Variances ===>	32.2500	33.6667
Std deviations ===>	5.6789	5.8023

Calculated value of T = 6.2200 with 6 degrees of freedom.

The exact P-value is: 0.0008 or 99.92%

The samples DO differ significantly at the 5% level. ONE-TAILED.

The samples DO differ significantly at the 1% level. ONE-TAILED.

The samples DO differ significantly at the 5% level. TWO-TAILED.

The samples DO differ significantly at the 1% level. TWO-TAILED.

*** STUDENT'S T - TEST ***

V2.60 Dec 91 - by Stanley Kaplan, Ph.D.

FLIGHT LIGHT MIXED RAHF VS SFPT LIGHT MIXED RAHF % FT (RAHF 1-4) AL

Calculated F-ratio = 2.1677 with 3 , 3 degrees of freedom.

The variances are equal since 2.1677 is less than 9.2800

*** R A W D A T A ***

	GROUP 1	GROUP 2
1 ====>	53.0000	84.0000
2 ====>	57.0000	81.0000
3 ====>	47.0000	80.0000
4 ====>	59.0000	88.0000
N's ===>	4	4
Total ===>	216.0000	333.0000
Means ===>	54.0000	83.2500
Sum of squares ===>	84.0000	38.7500
Variances ===>	28.0000	12.9167
Std deviations ===>	5.2915	3.5940

Calculated value of T = 9.1455 with 6 degrees of freedom.

The exact P-value is: 0.0001 or 99.99%

The samples DO differ significantly at the 5% level, ONE-TAILED.

The samples DO differ significantly at the 1% level, ONE-TAILED.

The samples DO differ significantly at the 5% level, TWO-TAILED.

The samples DO differ significantly at the 1% level, TWO-TAILED.

*** STUDENT'S T - TEST ***

V2.60 Dec 91 - by Stanley Kaplan, Ph.D.

FLIGHT DARK MIXED RAHF VS DFPT DARK MIXED RAHF % FT (RAHF 6-10) AC

Calculated F-ratio = 1.3106 with 4 , 4 degrees of freedom.

The variances are equal since 1.3106 is less than 6.3900

*** R A W D A T A ***

	GROUP 1	GROUP 2
1 ====>	8.0000	10.0000
2 ====>	5.0000	11.0000
3 ====>	10.0000	11.0000
4 ====>	15.0000	17.0000
5 ====>	5.0000	7.0000
N's ===>	5	5
Total ===>	43.0000	56.0000
Means ===>	8.6000	11.2000
Sum of squares ===>	69.2000	52.8000
Variances ===>	17.3000	13.2000
Std deviations ===>	4.1593	3.6332

Calculated value of T = 1.0527 with 8 degrees of freedom.

The exact P-value is: 0.3232 or 67.68%

The samples do NOT differ significantly at the 5% level, ONE-TAILED.

The samples do NOT differ significantly at the 1% level, ONE-TAILED.

The samples do NOT differ significantly at the 5% level, TWO-TAILED.

The samples do NOT differ significantly at the 1% level, TWO-TAILED.

*** STUDENT'S T - TEST ***

V2.60 Dec 91 - by Stanley Kaplan, Ph.D.

FLIGHT INTERMED MIXED RAHF VS DFPT INTERMED MIXED RAHR %FT (6-10) AL

Calculated F-ratio = 2.2802 with 4 , 4 degrees of freedom.

The variances are equal since 2.2802 is less than 6.3900

*** R A W D A T A ***

	GROUP 1	GROUP 2
1 ====>	22.0000	11.0000
2 ====>	24.0000	3.0000
3 ====>	20.0000	0.0000
4 ====>	36.0000	2.0000
5 ====>	32.0000	0.0000
N's ===>	5	5
Total ===>	134.0000	16.0000
Means ===>	26.8000	3.2000
Sum of squares ===>	188.8000	82.8000
Variances ===>	47.2000	20.7000
Std deviations ===>	6.8702	4.5497

Calculated value of T = 6.4042 with 8 degrees of freedom.

The exact P-value is: 0.0002 or 99.98%

The samples DO differ significantly at the 5% level, ONE-TAILED.

The samples DO differ significantly at the 1% level, ONE-TAILED.

The samples DO differ significantly at the 5% level, TWO-TAILED.

The samples DO differ significantly at the 1% level, TWO-TAILED.

*** STUDENT'S T - TEST ***

V2.60 Dec 91 - by Stanley Kaplan, Ph.D.

FLIGHT LIGHT MIXED RAHF VS DFPT LIGHT MIXED RAHF % FT (RAHF 6-10) AL

Calculated F-ratio = 2.6311 with 4 , 4 degrees of freedom.

The variances are equal since 2.6311 is less than 6.3900

*** R A W D A T A ***

	GROUP 1	GROUP 2
1 ====>	70.0000	79.0000
2 ====>	71.0000	86.0000
3 ====>	70.0000	89.0000
4 ====>	49.0000	81.0000
5 ====>	63.0000	93.0000
N's ===>	5	5
Total ===>	323.0000	428.0000
Means ===>	64.6000	85.6000
Sum of squares ===>	345.2000	131.2000
Variances ===>	86.3000	32.8000
Std deviations ===>	9.2898	5.7271

Calculated value of T = 4.3028 with 8 degrees of freedom.

The exact P-value is: 0.0026 or 99.74%

The samples DO differ significantly at the 5% level, ONE-TAILED.

The samples DO differ significantly at the 1% level, ONE-TAILED.

The samples DO differ significantly at the 5% level, TWO-TAILED.

The samples DO differ significantly at the 1% level, TWO-TAILED.